HARLEN QUADRANGLE

Station:

CAMP

County: HARLAN

State: KENTUCKY

E. L. McNAIR Observer:

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

About 2.5 mi S. of Wallins Creek station, on W. side of Wallins Creek, and at head of Camp Branch, Foresters and Ginseng creeks. From Wallins Creek follow power line of Kentucky Utilities Co. to top of ridge, then follow ridge to top of mountain. Knob is well cleared except a narrow strip along the ridge westward.

Station mark: A drill hole 2.5 in. deep in solid ledge of rock.

Reference marks: (1) A drill hole 2.5 in. deep in shale rock with arrow pointing to station mark; distant 9.3 ft., true azimuth 289°24': (2) white-oak signal tree 2 ft. in diameter, distant 12.65 ft; true azimuth 341°47'.

[Latitude 35 46 58.01

Longitude 83 25 20.32

[Editidae J	75 40 50.01	Longitude 65 Z	J .20•32	
To Station—	Azimuth	Back Azimuth	Dist	ance
AZIMUTH & DISTA	NCE ON N.A.D.	0 / //	Log. Meters	Miles
White Rock Tejay Paint Gap Harlan Grays Knob	11 18 08.41 66 03 56.88 138 51 06.43 215 55 37.75 267 18 26.21	191 17 05.51 246 00 11.16 318 44 22.91 35 59 22.84 87 23 08.87	4.124939 4.0101507 4.4029135 4.1997811 4.0689409	8.282 6.361 15.713 9.843 7.283
		· · · · · · · · · · · · · · · · · · ·		
Form 9-1070				

HARLAN QUADRANGLE

Station: Observer:

HARLAN E.L. McNAIR

County: HARLAN COUNTY

State:

KENTUCKY

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

On Pine Mountain about 4 miles north of Harlan. Station may be reached from Gatun flag station on Louisville & Nashville Railroad, from which a road leads across Pine Mountain. Road is very rough and suitable only for saddle horses. Station is a short half mile west of gap where road crosses the mountain. Old station mark has disappeared, but new position is about the same as the old.

Station mark: A jelly glass inverted, set 1 foot below surface of ground

Reference mark: A drill hole 2.5 in. deep in shale ledge of rock, which projects slightly above ground; distant 7.65 ft., true azimuth 241°35'.

[Latitude 36 53 53.94

Longitude 83 19 04.8 To Station-Azimuth, Back Azimuth Distance Log. Meters Miles Camp: 35 59 22.843 215 55 37.75 4.1997811 9.843 Paint Gap 103 32 17.94 283 21 48.34 4.4260012 16.571 Stinnett 145 00 30 324 55 23 4.34218 13.662 Thousand Stick 165 04 05 345 01 00 4.48793 19.111 Thousand Stick a 165 03 38.73 345 00 25.18 4.4879384 19.111 Bad 179 57 31.00 359 57 31.00 4.2429300 10.871 214 01 51.14 Brashear a 34 08 06.57 4.4397113 17.103 Long Spur a 259 23 36.48 79 33 32.52 4.3976120 15.523 Grays Knob 348 56 39.77 168 57 37.80 4.0973134 7.774 From Table Rock and Ivy, W. Va., station of USC&GS A From Bull. 496, P.

HARLAN QUADRANGLE

Station: GRAYS KNOB

County: HARLAN

State: KENTUCKY

Observer:

E.L. McNAIR

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

On Little Black Mountain, 5 mi. by rd. SE. of Harlan. Follow public rd. up Martins Fork to mouth of Grays Branch. Station is at head of Grays Branch, about 2 mi. S. of Martins Fork. Knob is sharp and well cleared.

Station mark: Dead stub of old signal tree.

[Latitude 37 47 15.60

Longitude 83 17 28

White Rock (K)	[Latitude 3	7 47 13.00	rougitude 02 17	20 ]	
White Rock (K)	To Station— .	Azimuth	Back Azimuth	Dista	ance
Long Spur (K) 232 44 14 52 53 11 4.444875  Harlan (K) 168 57 46 348 56 48 4.097454  Paint Gap (K) 123 12 27 303 01 00 4.529809  White Rock (Mc) 46 30 39.25 226 24 53.99 4.2958581 12.28  Camp (Mc) 87 23 08.86 267 18 26.12 4.0689409 7.28  Harlan (Mc) 168 57 37.79 348 56 39.77 4.0973134 7.77  NOTE: (K) positions by F. J. Knight, 1885  (Mc) positions by E. L. McNair, 1916		0 / //	0 / //	Log. Meters	Miles
Harlan (K) 168 57 46 348 56 48 4.097454 Paint Gap (K) 123 12 27 303 01 00 4.529809 White Rock (Mc) 46 30 39.25 226 24 53.99 4.2958581 12.28 Camp (Mc) 87 23 08.86 267 18 26.12 4.0689409 7.28 Harlan (Mc) 168 57 37.79 348 56 39.77  NOTE: (K) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	White Rock (K)	46 29 55	226 24 10	4.295623	
Paint Gap (K) 123 12 27 303 01 00 4.529809 White Rock (Mc) 46 30 39.25 226 24 53.99 Camp (Mc) 87 23 08.86 267 18 26.12 4.0689409 7.28 Harlan (Mc) 168 57 37.79 348 56 39.77  NOTE: (K) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	Long Spur (K)	232 44 14	52 53 11	4.444875	
White Rock (Mc) 46 30 39.25 226 24 53.99 4.2958581 12.28 (Amp (Mc) 87 23 08.86 267 18 26.12 4.0689409 7.28 (Mc) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	Harlan (K)	168 57 46	348 56 48	4.097454	
Camp (Mc) 87 23 08.86 267 18 26.12 4.0689409 7.28 Harlan (Mc) 168 57 37.79 348 56 39.77 4.0973134 7.77  NOTE: (K) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	Paint Gap (K)	123 12 27	303 01 00	4.529809	
Harlan (Mc) 168 57 37.79 348 56 39.77 4.0973134 7.77  NOTE: (K) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	White Rock (Mc)	46 30 39.25	226 24 53.99	4.2958581	12.280
NOTE: (K) positions by F. J. Knight, 1885 (Mc) positions by E. L. McNair, 1916	Camp (Mc)	87 23 08.86	267 18 26.12	4.0689409	7.283
(Mc) positions by E. L. McNair, 1916	Harlan (Mc)	168 57 37.79	348 56 39.77	4.0973134	7.774
(Mc) positions by E. L. McNair, 1916					
(Mc) positions by E. L. McNair, 1916	•		•		
(Mc) positions by E. L. McNair, 1916			****		
	(MC) po	sitions by E. L. McNa	ir, 1916		
	~				
Form 9-107a	Morm 9-1070				

HARLEN QUADRANGLE

Station:

CAMP

County: HARLAN

State: KENTUCKY

Observer:

E. L. MCNAIR

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

About 2.5 mi S. of Wallins Creek station, on W. side of Wallins Creek, and at head of Camp Branch, Foresters and Ginseng creeks. From Wallins Creek follow power line of Kentucky Utilities Co. to top of ridge, then follow ridge to top of mountain. Knob is well cleared except a narrow strip along the ridge westward.

Station mark: A drill hole 2.5 in. deep in solid ledge of rock.

Reference marks: (1) A drill hole 2.5 in. deep in shale rock with arrow pointing to station mark; distant 9.3 ft., true azimuth 289°24': (2) white-oak signal tree 2 ft. in diameter, distant 12.65 ft; true azimuth 341°47'.

[Latitude 35 46 58.01

Longitude 83 25 20.32

To Station-Azimuth Back Azimuth Distance Log. Meters Miles AZIMUTH & DISTANCE ON N.A.D. 11 18 08.41 191 17 05.51 4.124939 8.282 White Rock 246 00 11.16 6.361 66 03 56.88 4.0101507 Tejay 318 44 22.91 138 51 06.43 4.4029135 15.713 Paint Gap 35 59 22.84 4.1997811 Harlan 215 55 37.75 9.843 267 18 26.21 87 23 08.87 4.0689409 Grays Knob 7.283

HARLAN QUADRANGLE Station: HARLAN

E.L. McNAIR Observer:

County: HARLAN COUNTY

State: KENTUCKY

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

On Pine Mountain about 4 miles north of Harlan. Station may be reached from Gatun flag station on Louisville & Nashville Railroad, from which a road leads across Pine Mountain. Road is very rough and suitable only for saddle horses. Station is a short half mile west of gap where road crosses the mountain. Old station mark has disappeared, but new position is about the same as the old.

Station mark: A jelly glass inverted, set 1 foot below surface of ground

Reference mark: A drill hole 2.5 in. deep in shale ledge of rock, which projects slightly above ground; distant 7.65 ft., true azimuth 241°35'.

Latitude 36 53 53

[Latitude]	36 53 53.94	Longitude 83 19	9 04.8
To Station—	Azimuth .	Back Azimuth	Distance
•	0 / #	0 / #	Log. Meters Miles
Camp Paint Gap Stinnett Thousand Stick Thousand Stick a Bad Brashear a Long Spur a Grays Knob	35 59 22.843 103 32 17.94 145 00 30 165 04 05 165 03 38.73 179 57 31.00 214 01 51.14 259 23 36.48 348 56 39.77	215 55 37.75 283 21 48.34 324 55 23 345 01 00 345 00 25.18 359 57 31.00 34 08 06.57 79 33 32.52 168 57 37.80	4.1997811       9.843         4.4260012       16.571         4.34218       13.662         4.48793       19.111         4.4879384       19.111         4.2429300       10.871         4.4397113       17.103         4.3976120       15.523         4.0973134       7.774
NOTE: From Table F	Rock and Ivy, W. Va.,	station of USC&GS	
	A From Bull. 496,		
Form 9-107a		a	

HARLAN QUADRANGLE

Station: GRAYS KNOB

County: HARLAN E.L. McNAIR Year: 1916 Datum: Approx. 1927 N.A.D. Observer:

Description:

On Little Black Mountain, 5 mi. by rd. SE. of Harlan. Follow public rd, up Martins Fork to mouth of Grays Branch. Station is at head of Grays Branch, about 2 mi. S. of Martins Fork. Knob is sharp and well cleared.

Station mark: Dead stub of old signal tree.

[Latitude	37 47 15.60	Longitude 83 1	Longitude 83 17 28		
To Station—	Azimuth	Back Azimuth	Dis	tance ·	
	0 / //	0 / #	Log. Meters	Miles	
White Rock (K)	46 29 55	226 24 10	4.295623		
Long Spur (K)	232 44 14	52 53 11	4.444875		
Harlan (K)	168 57 46	348 56 48	4.097454		
Paint Gap (K)	123 12 27	303 01 00	4.529809		
White Rock (Mc)	46 30 39.25	226 24 53.99	4.2958581	12.280	
Camp (Mc)	87 23 08.86	267 18 26.12	4.0689409	7.283	
Harlan (Mc)	168 57 37.79	348 56 39.77	4.0973134	7.774	
•					
NOTE: (K) po	sitions by F. J. Kni	oht. 1885			
	ositions by E. L. Mc		!		
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		· 1			

Form 9-107a

State: KENTUCKY

HARLEN QUADRANGLE

Station:

CAMP

County: HARLAN

State: KENTUCKY

Observer:

E. L. MCNAIR

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

About 2.5 mi S. of Wallins Creek station, . on W. side of Wallins Creek, and at head of Camp Branch, Foresters and Ginseng creeks. From Wallins Creek follow power line of Kentucky Utilities Co. to top of ridge, then follow ridge to top of mountain. Knob is well cleared except a narrow strip along the ridge westward.

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Form 9-107a

31 HARLAN QUADRANGLE Station: HARLAN

E.L. McNAIR Observer:

County: HARLAN COUNTY

State: KENTUCKY

Description:

Year: 1916 Datum: Approx. 1927 N.A.D.

On Pine Mountain about 4 miles north of Harlan. Station may be reached from Gatun flag station on Louisville & Nashville Railroad, from which a road leads across Pine Mountain. Road is very rough and suitable only for saddle horses. Station is a short half mile west of gap where road crosses the mountain. Old station mark has disappeared, but new position is about the

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	66 53 53.94	Longitude 83 1	9 04 8 1	1
To Station—	Azimuth .	Back Azimuth		
	0 / #	0 / //	Log. Meters	ance .
Camp Paint Gap Stinnett Thousand Stick Thousand Stick a Bad Brashear a Long Spur a Grays Knob	35 59 22.843 103 32 17.94 145 00 30 165 04 05 165 03 38.73 179 57 31.00 214 01 51.14 259 23 36.48 348 56 39.77	215 55 37.75 283 21 48.34 324 55 23 345 01 00 345 00 25.18 359 57 31.00 34 08 06.57 79 33 32.52 168 57 37.80	4.1997811 4.4260012 4.34218 4.48793 4.4879384 4.2429300 4.4397113 4.3976120 4.0973134	Miles  9.843 16.571 13.662 19.111 19.111 10.871 17.103 15.523 7.774
NOTE: From Table R	ock and Ivy, W. Va.,	station of USC&GS		
	A From Bull. 496,	P. 116		
Form 9-107a		<b>a</b>		

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

36-083-14
HARLAN QUADRANGLE
31 KENTUCKY
N3645-W8315/15
DIAGRAM NJ 17-10
JOHNSON CITY

Bell, Harlan and Leslie Counties

Edition of 7/21/76

PR: CRV/rmm

PINEVILLE

(32)

Plane coordinates are based on Lambert projection, Kentucky, South Zone

Only the permanent marks are listed for control classified obsolete and are not shown on sketch

HYDEN (59)	
⊞ Harlan	
	839151

NOLANSBURG (30 KY.-62 VA.)

HAGAN (3 KV.-197 TENN.-31 VA.) 36°451

#### DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

## INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

Z 254 1951 1337.533

3

STATION

DESCRIPTION

PLANE COORDINATES, FEET

LATITUDE .

LONGITUDE

The following position: is considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. W. Haas, and J. M. Halsey, 1952; Book AS 88

Stoney Fork, 6.5 mi NE. of Baptist Church, along State Highway 221; 31 ft NW. of, and 4 ft higher than centerline of hwy.; at SW. end of curve; 60 ft W. of NW. end of pipe culvert; 31 ft SE. of S. corner of small shack; 2 ft NW. of E. corner of rock; in flat outcrop of rock; NGS standard disk stamped "Z 254 1951 1337.533"

X = 2.677.894

Y = 205,446

36 52 29.23

83 25 56.17

HARLAN QUADRANGLE

Station:

GRAYS KNOB

County: HARLAN

State: KENTUCKY

Observer:

E.L. McNAIR

Year: 1916 Datum: Approx. 1927 N.A.D.

Description:

On Little Black Mountain, 5 mi. by rd. SE. of Harlan. Follow public rd. up Martins Fork to mouth of Grays Branch. Station is at head of Grays Branch, about 2 mi. S. of Martins Fork. Knob is sharp and well cleared.

Station mark: Dead stub of old signal tree.

[Latitude 37 47 15.60

·	637 47 13.00		Longitu	de 83 17	28	j
To Station—	Azim	iuth	Back Azim	uth	Dis	tance ·
	0 /	"	0 /	"	Log. Meters	Miles
White Rock (K)	46 29 55	] :	226 24 10		4.295623	
Long Spur (K)	232 44 14		52 53 11		4.444875	
Harlan (K)	168 57 46		348 56 48		4.097454	
Paint Gap (K)	123 12 27		303 01 00		4.529809	
White Rock (Mc)	46 30 39.	1 -	226 24 53.9	9	4.2958581	12.280
Camp (Mc)	87 23 08.		267 18 26.1		4.0689409	7.283
Harlan (Mc)	168 57 37.	79	348 56 39.7	7	4.0973134	7.774.
					1	
NOTE: (K) po	ositions by F	. J. Knight	, 1885			
(Mc)	positions by	E. L. McNair	r, 1916			
					1 7 8	
Form 9-107a	ļ					

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES 31

DEPARTMENT OF THE INTERIOR DIAGRAM
GEOLOGICAL SURVEY JOHN

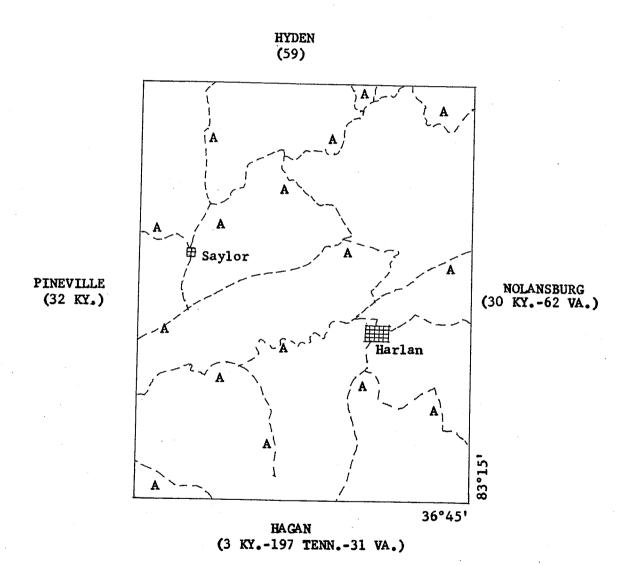
36-083-14
HARLAN QUADRANGLE
31 KENTUCKY
N3645-W8315/15
DIAGRAM NJ 17-10
JOHNSON CITY

Bell, Harlan, and Leslie Counties

Final adjustment of 1976

Edition of 9/9/76

PR: FJK/kp



## NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360831

# INDEX OF PERMANENT MARKS

MARK (USGS)	PAGE NO.	MARK (ESGS)	PAGE NO.
1088.006 KY 1093 KY 1131 KY 1137 KY 1165 KY 1173.944 KY 1177.521 KY 1194 KY	PAGE NO.  6 6 4 4 5 3 6 4 3	MARK (USGS)  1295 KY 1325 KY 1326 KY 1328 KY 1429 KY 1628 KY 1798 KY 2219 KY	PAGE NO.  5 5 5 4 3 5 3 5
1208 KY 1214 KY 1229 KY 1255 KY 1262 KY	4 6 4 4 5	2887 KY 1158 LEXINGTON 1197 LEXINGTON 1238 LEXINGTON 1328 LEXINGTON	5 3 3 3 3

Fork of Cumberland River; 0.1 mi E. of gap where rd. crosses mountain; on N. side of rd., E. side and 12 ft above gap; in top of sandstone rock outcrop; standard tablet stamped "2707 KY" (Not found, 1978)

2707.995

Baxter, at Louisville and Nashville RR. station; 9 ft W. of W. rail of W. track; 58 ft SW. and across track from SW. corner of station; about 1.5 ft below level of track; in top of W. end of N. abutment of RR. bridge No. 6 over Cumberland River; standard tablet stamped "1173.944 KY" (Tied by NGS, 1952)

# ISOLATED BENCH MARKS (Cont'd.)

<u>Feet</u>

Gatun station, 0.9 mi E. of; at Ross Point Post Office; at S. end of incline over Pine Mountain; 170 ft E. and 100 ft S. of mail crane; 150 ft E. and 100 ft S. of RR. culvert over branch from N.; 100 ft E. and 100 ft S. of second rd. crossing RR.; 50 ft S. of right-of-way line in field; in top of sandstone rock; standard tablet stamped "1194 KY" (Not found, 1953)

1194.690

Rhea station, 0.75 mi E. of; 130 ft E. and 60 ft N. of rd. crossing RR.; 150 ft E. of Elijah Sargent's residence; in orchard on N. side of RR. and hwy.; inside of fence; in top of sandstone rock; standard tablet stamped "1328 KY"

1238.114

By S. R. Archer, 1916; Book A9766, A9783

Harlan, 3.95 mi E. along State Highway 38 from junction of U. S. Highway 421, thence 0.1 mi N. along rd. to Coxton School over bridge and RR. tracks; 40 ft S. of S. rail of extreme S. track; about 180 ft E. of crossing of rd. and track; about 3.5 ft above walk; in top of SW. commer of concrete porch of S. entrance of Coston School No. 2 (Formerly a theatre building); standard tablet stamped "1229 KY" (Note: This mark is so badly mutilated that it was impossible to make rubbing or to stamp elevation.) (Tied by NGS, 1953)

1233.488

Cawood Post Office, 2.84 mi NW. of; 775 ft S. of mouth of Turtle Creek; 150 ft E. of rd.; 50 ft S. of schoolhouse; in top of large sandstone rock; standard tablet stamped "1255 KY" (Reported disturbed, 1953)

1254.650

Grays Knob Post Office, 0.76 mi W. of; just E. of bend in Martin Fork to E.; at mouth of Upper Napper Branch (log house standing in mouth of); 160 ft S. of RR. culvert over branch; on W. side of branch; 1.5 ft above bed and at edge of water; in top of large sandstone rock; standard tablet stamped "1208 KY"

1207.825

Wallins station, 0.2 mi SE. of Louisville & Nashville RR. concrete bridge over mouth of Wallins Creek; on S. side of track; 10 ft E. of W. end of top of guard wall; standard tablet stamped "1131 KY"

1131.345

Wilhoit station, 1.19 mi W. of; 3.05 mi NE. of Wallins station; in top of N. end of concrete RR. culvert over mouth of Hiram Saylor Branch; standard tablet stamped "1137 KY" (Not found, 1954)

1954)

ISOIA TED BENCH MARKS (Cent'd.)	<u>Feet</u>
Emerling station, 0.26 mi NW. of; in top of N. end of E. abutment of L. & N. RR. bridge over Cumberland River; standard tablet stamped "1165 KY"	1165.129
Wallins, 3.2 mi S. of; at mouth of Ginseng Branch; 160 ft SW. of RR. crossing old bed of Ginseng Branch; 30 ft N. and 90 ft W. of N. end of L. & N. RR. trestle over Wallins Creek; about in center of bottom at mouth of branch; on highest point of land in bottom; in top of large sandstone rock; standard tablet stamped "1325 KY"	1324,711
Wallins, 3.2 mi S. of, thence 2.0 mi SW.; 25 ft N. and 65 ft E. of center of gap in ridge between Ginseng Branch of Wallins Creek and Jackson Mill Branch of Puckett Creek; 34 ft lower than gap; on Ginseng Branch side; at foot on lower side of cluster of three trees (one tree broken off 16 ft above ground); in top projection of sandstone outcrop; standard tablet stamped "2887 KY"	2887.191
Hulen station, 6.0 mi SE. of; on Jackson Mill Branch; 0.2 mi above its mouth; on W. side of branch and rd.; opposite and 275 ft W. of residence of Josh Howard; 150 ft NW. of Josh Haward's barn; 65 ft N. of rd. crossing branch; at foot on E. side of low spur ridge from N.; 40 ft W. of rd.; in top of sandstone rock; standard tablet stamped "1326 KY" (Not found, 1954)	1326,228
Wallins station, 3.8 mi NW. of; in Trace Gap; at top of Pine Mountain; 60 ft N. of point where trail crosses center of gap; on E. side and about 15 ft higher than gap; in top of large sandstone rock; standard tablet stamped "2219 KY" (Not found, 1954)	2218.998
Wallins station, 5.02 mi NW. of; on E. bank of Salt Trace Branch of Straight Creek; 0.27 mi above its mouth; at NW. corner of house; W. side of rd.; in top of sandstone rock; standard tablet stamped "1262 KY" (Reported destroyed, 1952)	1262.624
Asher Post Office, 13.38 mi SW. of; at mouth of Stagger Branch of Middle Fork of Kentucky River; 85 ft W. of rd. forks; between house and store of John D. Wilson; in top of large sandstone rock; standard tablet stamped "1628 KY" (Reported destroyed, 1974)	1628.362
Asher Post Office, 10.64 mi S. of; 200 ft S. of mouth of Turkey Creek; 170 ft S. of wagon ford of Middle Fork of Kentucky River; on W. side of rd.; E. bank of river; in top of large sandstone rock; standard tablet stamped "1295 KY" (Not found, 1954)	129/- 060

### ISOLATED BENCH MARKS (Cont'd.)

Feet

Asher Post Office, 8.14 mi SW. of; 0.32 mi S. of mouth of Rye Cove Branch; 550 ft S. of schoolhouse; 50 ft E. of Middle Fork; on E. side of rd.; in top of projection at SW. corner (W. face) of large sandstone rock; standard tablet stamped "1214 KY" (Reported disturbed, 1954)

1214.809

Asher Post Office, 5.5 mi SW. of; 885 ft NE. of mouth of White Oak Branch; 0.17 mi SW. of mouth of Ginseng Branch and War Branch Post Office; 150 ft NE. of splash dam; on E. bank of Middle Fork of Kentucky River; on W. side of, and below rd.; about 7 ft above bed of river; in top of large sandstone rock; standard tablet stamped "1093 KY" (Not found, 1974)

1093.628

Chappell, about 3.55 mi SE. along graveled rd., thence about 0.6 mi NE. along dirt rd. following Greasy Creek from post office, thence about 0.1 mi N. along White Oak Creek rd.; at point where rd. fords creek; 11 ft W. of, and about 2 ft higher than centerline of rd.; in top of E. edge of large sloping outcrop of rock which is between rd. and creek; standard tablet stamped "1088.006 KY" (Note: The mark is mutilated but solid.) (Tied by NGS, 1952)

1088.006

Napier, about 1.5 mi SE. along rd. following Greasy Creek from post office; about 0.1 mi W. of rd. S. and confluence of Greasy Creek and Abner Branch; about 0.1 mi SE. of old church; about 186 ft SW. of NW. end of ft suspension bridge over Greasy Creek; on NW. bank of creek; 90 ft NW. of, and about 5 ft higher than centerline of rd.; set vertically in SE. face of SW. end of rock cliff; standard tablet stamped "1177.521 KY" (Note: The mark is mutilated but solid.) (Tied by NGS, 1952)